

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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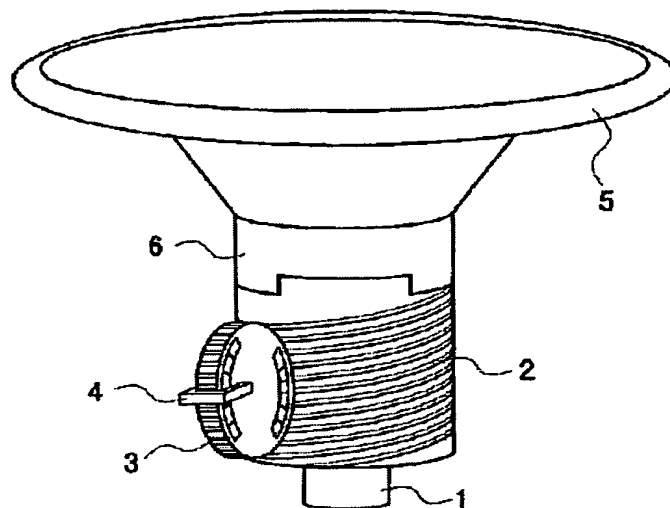
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TITLE : SPEED REDUCING MECHANISM OF  
STEERING SENSOR



ABSTRACT : PROBLEM TO BE SOLVED: To provide the speed reducing mechanism of a steering sensor capable of miniaturization and low cost and obtaining a high speed reducing ratio.

SOLUTION: The speed reducing mechanism of the steering sensor for detecting the steering direction and steering position of a steering wheel 5 is provided with a worm 2 attached to a steering shaft 1, a worm wheel 3 engaged with the worm 2 and a sensor 4 reading the rotation of the worm wheel 3. While the steering shaft 1 reaches from one rotational limit to the other rotational limit, the rotation of the worm wheel 3 is within one rotation.

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